

AMENDED IN ASSEMBLY MARCH 19, 2013

Senate Concurrent Resolution

No. 16

Introduced by Senator Knight

(Coauthors: Senators Anderson, Berryhill, Block, Cannella, Corbett, Correa, Emmerson, Fuller, Gaines, Huff, Jackson, Lieu, Nielsen, Pavley, Price, Steinberg, Walters, Wright, and Wyland)

(Coauthors: Assembly Members Achadjian, Conway, Donnelly, Gorell, Hall, Maienschein, and Muratsuchi)

February 27, 2013

Senate Concurrent Resolution No. 16—Relative to aerospace.

LEGISLATIVE COUNSEL'S DIGEST

SCR 16, as amended, Knight. California Aerospace Month.

This measure would recognize the contributions of the aerospace industry to the history, economy, security, and educational system of California, its communities, and its citizens by proclaiming the month of March 2013 as California Aerospace Month.

Fiscal committee: no.

- 1 WHEREAS, The California aerospace industry is a powerful,
- 2 reliable source of employment, innovation, and export income,
- 3 directly employing more than 162,000 people in California and
- 4 supporting more than 640,000 jobs in related fields for a total
- 5 payroll estimated at \$15.3 billion annually and resulting in \$500
- 6 million in annual state income taxes; and
- 7 WHEREAS, The California aerospace industry leads the United
- 8 States in aerospace and defense services, including the design and
- 9 manufacture of aircraft, spacecraft, and commercial satellites, as
- 10 well as a myriad of systems and instruments for search, detection,

1 navigation, guidance, and radio and television broadcast and
2 wireless communication systems; and

3 WHEREAS, California is home to many superb sites of air and
4 space activity, including Vandenberg Air Force Base, two Federal
5 Aviation Administration-licensed launch sites, the Mojave Air and
6 Spaceport, more than 20 astronomical observatories, multiple
7 international airports, many important defense aerospace bases,
8 and hundreds of business and general aviation airfields; and

9 WHEREAS, California is also home to three National
10 Aeronautics and Space Administration (NASA) research and
11 engineering centers. These centers are recognized as the Ames
12 Research Center, the Dryden Flight Research Center, and the Jet
13 Propulsion Laboratory (JPL); and

14 WHEREAS, California has led the nation in aeronautical firsts
15 and California's aerospace industry produced many of the
16 significant and record-breaking aircraft that are now represented
17 in The Smithsonian Institution's National Air and Space Museum.
18 The Spirit of St. Louis, which in 1927 performed the first solo
19 nonstop transatlantic flight from New York to Paris, was designed
20 and built in California by Ryan Airlines and made Charles
21 Lindbergh an international hero. The Douglas DC-3, recognized
22 as the most successful airliner in history, dominating both
23 commercial and military air transportation from its introduction
24 in 1935 until after World War II, was designed and built in
25 California by the Douglas Aircraft Company. The Space Shuttle
26 was designed, built, assembled, and tested in California. California
27 is home to Edwards Air Force Base, the site of five test flights of
28 the Shuttle Enterprise, the landing site of 54 Space Shuttle
29 missions, and the site of the 199 X-15 missions; and

30 WHEREAS, Edwards Air Force Base, known for its notable
31 aeronautical achievements, was the location of many first flights
32 of American aircraft, shuttles, and jets flown from Rogers Dry
33 Lake in the Mojave Desert of Kern County. America's first jet,
34 XP-59A, was first flown in California. General Charles "Chuck"
35 Yeager made world history in California on October 14, 1947,
36 when he became the first man to fly Mach 1, faster than the speed
37 of sound, while piloting the Bell X-1 rocket plane. The rocket
38 powered X-15, flown by former State Senator William J. "Pete"
39 Knight, attained a speed of Mach 6.7 (4,520 miles per hour), a
40 speed that remains, to this day, the highest ever attained in an

1 airplane. The Rutan Model 76—~~Voyager~~, *Voyager* was the first
2 aircraft to fly around the world without stopping or refueling; and

3 WHEREAS, California has led the nation in firsts in human
4 space exploration, including the manufacture of the Apollo 11
5 command module that carried the first humans to the surface of
6 our moon; the manufacture and landing of the Space Shuttle
7 orbiters, the first reusable space vehicles, which include the
8 Endeavour, on display at the California Science Center; and the
9 manufacture and recovery of the SpaceX Dragon capsule and
10 Falcon launch vehicle, the first privately funded space exploration
11 system; and

12 WHEREAS, California has led the nation in firsts in robotic
13 space exploration, including the Explorer 1 Earth observation
14 satellite as America’s first successful spacecraft, the Mariner 2 as
15 the first spacecraft to explore another planet, the Viking landers
16 as the first spacecrafts to perform experiments on another planet,
17 and the development of the Pioneer 10 spacecraft as the first to
18 exit our solar system; and

19 WHEREAS, Californians, through NASA and JPL, build,
20 manage, and operate the majority of the spacecraft exploring our
21 solar system, including the most recent Mars Science Laboratory
22 “Curiosity,” and those spacecraft exploring other solar systems,
23 like the Kepler exoplanet discovery mission, as well as the SOFIA,
24 the Stratospheric Observatory for Infrared Astronomy that
25 administers the Airborne Astronomy Ambassadors program for
26 educators who have inspired the dreams of California youth; and

27 WHEREAS, California aerospace industries assemble the
28 legendary Boeing C-17 Globemaster III, build the impressive
29 Northrop Grumman Global Hawk Unmanned—~~Aerial Aircraft~~
30 Systems, engineer radical new aircraft at the famous Lockheed
31 Martin “Skunk Works” Advanced Development Programs facility,
32 and create systems that assist and protect members of the—~~American~~
33 *United States* Armed Forces through military communications,
34 situational awareness, satellite-guided ordnance, and technologies
35 yet to be dreamed of; and

36 WHEREAS, California will continue to lead in aerospace
37 education, through its superb Science, Technology, Engineering
38 and Mathematics (STEM) education programs and at its
39 world-class research universities, and thus will continue to lead
40 the world with the innovation that enabled advanced meteorological

1 forecasting, the Global Positioning System, NextGen tools for air
2 traffic management, green aviation, sophisticated wind tunnels
3 and test facilities, and advanced supercomputing and robotics; and

4 WHEREAS, The American Institute of Aeronautics and
5 Astronautics (AIAA), in conjunction with NASA, is sponsoring a
6 month of events to highlight the contributions of the aerospace
7 community to California, including panel discussions, educational
8 displays, tours, and the “AIAA Policy Symposium: Civilian
9 Applications of ~~Uninhabited~~ *Unmanned* Aerial Vehicles (UAVs)
10 - A California Perspective,” during March 2013; now, therefore,
11 be it

12 *Resolved by the Senate of the State of California, the Assembly*
13 *thereof concurring*, That the California Legislature recognizes the
14 contributions of the aerospace industry to the history, economy,
15 security, and educational system of California, its communities,
16 and its citizens by proclaiming the month of March 2013 as
17 California Aerospace Month; and be it further

18 *Resolved*, That the Secretary of ~~State~~ *the Senate* transmit copies
19 of this resolution to the author for appropriate distribution.